



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04011/00						
According to	International Patent Classification (IPC) or to both national classification	ation and IPC				
	SEARCHED					
IPC 7	cumentation searched (classification system followed by classification H040 H04J	on symbols)				
Documentat	ion searched other than minimum documentation to the extent that so	uch documents are included in the fields se	earched			
Electronic d	ata base consulted during the international search (name of data base	se and, where practical, search terms used)			
EPO-In	ternal					
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	ENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.			
X	US 6 115 517 A (SHIRAGAKI TATSUYA ET AL) 5 September 2000 (2000-09-05) figure 1		1			
Α			2-10			
A	EP 1 052 808 A (BRITISH TELECOMM) 15 November 2000 (2000-11-15) figures 7,9		1-10			
A	WO 01 69834 A (CYPRESS SEMICONDUC 20 September 2001 (2001-09-20) page 10, line 26 -page 12, line 5	·	1-10			
A	EP 0 620 694 A (NIPPON ELECTRIC C 19 October 1994 (1994-10-19) figure 9	0)	1-10			
Furth	ner documents are listed in the continuation of box C.	X Patent family members are listed	in annex.			
* Special ca	tegories of cited documents :	"T" later document published after the inte	mational filing date			
consid	nt defining the general state of the art which is not ered to be of particular relevance	or priority date and not in conflict with cited to understand the principle or the invention	the application but			
E earlier document but published on or after the international filing date *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to						
which		involve an inventive step when the do "Y" document of particular relevance; the c				
"O" docume	which is cited to establish the publication date of another citation or other special reason (as specified) Or document referring to an oral disclosure, use, exhibition or document is combined with one or more other such docu-					
P docume						
	later than the priority date claimed "&" document member of the same patent Date of the actual completion of the international search Date of mailing of the international search					
2	2 March 2004	29/03/2004				
Name and n	nailing address of the ISA	Authorized officer				
	European Patent Office, P.B. 5818 Patentlaan 2 NL = 2280 HV Rijswijk Tel. (+31=70) 340-2040, Tx. 31 651 epo nl,	Meurisse. W				

Information on patent family members

tional	Application No
PCT/FR	03/03103

	tent document in search report	Ī	Publication date		Patent family member(s)	Publication date
US	6115517	Α	05-09-2000	JP JP	3114801 B2 11027707 A	04-12-2000 29-01-1999
EP	1052808	A	15-11-2000	EP AU AU CA EP WO	1052808 A1 761958 B2 4592600 A 2371127 A1 1177656 A1 0069125 A1	15-11-2000 12-06-2003 21-11-2000 16-11-2000 06-02-2002 16-11-2000
WO	0169834	Α	20-09-2001	AU EP WO	4357401 A 1266476 A1 0169834 A1	24-09-2001 18-12-2002 20-09-2001
EP	0620694	Α	19-10-1994	JP JP DE EP US	2928046 B2 6303192 A 69433289 D1 0620694 A2 5457556 A	28-07-1999 28-10-1994 11-12-2003 19-10-1994 10-10-1995